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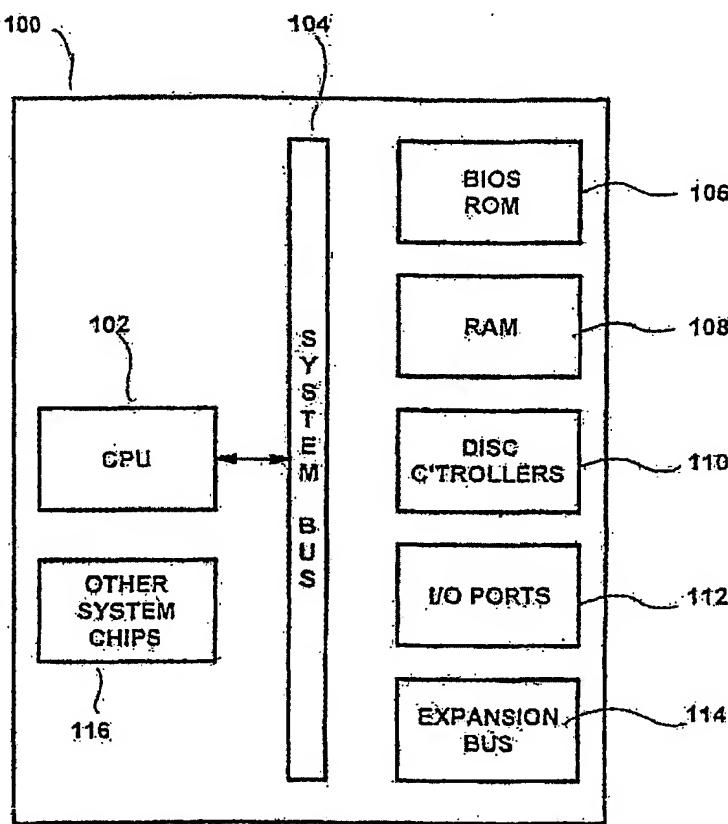tigny-le-Bretonneux (FR).

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(54) Title: OPERATING SYSTEMS

(57) Abstract: A method of enabling
multiple different operating systems
to run concurrently on the same
computer, which is an Intel or similar
Complex Instruction Set Computer
architecture, comprising selecting a first
operating system to have a relatively
high priority (the realtime operating
system, such as C5); selecting at least
one secondary operating system to have
a relatively lower priority (the general
purpose operating system, such as
Linux); providing a common program
(a hardware resource dispatcher
similar to a nanokernel) arranged to
switch between said operating systems
under predetermined conditions; and
providing modifications to said first
and second operating systems to allow
them to be controlled by said common
program.

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